

Sp:
08/25/03
Transmitted herewith for filing is the Patent Application of:
Inventor: TAI MIN, PO KANG WANG
For: MAGNETIC RANDOM ACCESS MEMORY DESIGNS WITH CONTROLLED MAGNETIC SWITCHING MECHANISM

15535 U.S. PRO
10/647716
08/25/03

Enclosed are:

- 2 sheets of drawing(s) - formal.
 An assignment of the invention to Headway Technologies, Inc.
 An associate power of attorney Applicant claims small entity status
 Request & Certification under 35 USC 122(b)(2)(b)(i)

The filing fee has been calculated as shown below:

(Col. 1)	(Col. 2)	OTHER THAN A SMALL ENTITY
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	18 -20=	0
INDEP CLAIMS	2 -3=	0
	SUB TOTAL	\$ 750.
	ASSIGNMENT	\$40.
	TOTAL	\$ 790.

-

Please charge my Deposit Account No. 19-0033 in the amount of \$ 790. A duplicate copy of this sheet is enclosed.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0033. A duplicate copy of this sheet is enclosed.

- Any additional filing fees required under 37 CFR §1.16.
 Any patent application processing fees under 37 CFR §1.17.

[Signature]
Respectfully submitted,

STEPHEN P. ACKERMAN, REG. NO. 37,761

EXPRESS MAIL CERTIFICATE

Express Mail No. EV319113585US

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to Assistant Commissioner of Patents, Alexandria, VA, 22313-1450. Applicant and/or Attorney requests the date of deposit as the Filing Date.

8/25/03
Date of deposit

[Signature]
Signature / Date

8/25/03

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

08/27/2003 WABRHM1 00000070 190033 10647716

01 FC:1001 750.00 DA

12/11/2003 TLUU11 00000001 190033 10647716

01 FC:1202 144.00 DA
02 FC:1203 280.00 DA

PTO-1556
(5/87)